TELEPHONY

THE AMERICAN TELEPHONE JOURNAL

INDEX TO VOLUME 74

January 5 to June 29, 1918

TELEPHONY PUBLISHING COMPANY
MONADNOCK BLOCK
CHICAGO

Immediately following the title of articles in this index will be found the number of the issue, followed by the page number. Thus 24-21 means issue number 24, page 21. Articles designated by an asterisk (*) are illustrated.

A

Accounting:
A simple cost accounting system, by E. C. Constans, 23-14
Is proper accounting of value? (Ed.), 17-15
Value of system in, by John W. Coffey,* 6-19
What about your plant values, by E. C. Constans,* 2-12
Analyses of prominent telephone men, by Stanley R. Edwards,* 17-16
Annual Reports:
Australian postmaster general on telephones, 16-35
Bell system, 11-26
British Post Office Department, 22-36
Consolidated Telephone Co., Hazleton, Pa., 9-35
Cuban Telephone Co., 22-34
Farmers' Mutual Telephone Co., Jesup, Iowa, 3-25
Fulda (Minn.) Telephone Co., 22-34
Garden Valley Telephone Co., Erskine, Minn., 12-33
Glenwood Telephone Co., of Blue Hill, Neb., 23-34
Interior Telephone Co., Grinnell, Iowa, 23-34
Johnstown (Pa.) Telephone Co., 11-40
Kansas City Home and subsidiary companies, 19-32
Keystone Telephone System, 9-35
LaCrosse (Wis.) Telephone Co., 12-32
Lincoln Telephone & Telegraph Co., 3-23
Local Telephone Co., Bellevue, Ohio, 12-33
Mankato (Minn.) Citizens' Telephone Co., 12-32
Monroe (Neb.) Telephone Co., 19-34
New Ulm (Minn.) Rural Telephone Co., 22-34
Ohio State Telephone Co., 9-36
Pittsburgh & Allegheny Telephone Co., 25-34
Platte County Independent Telephone Co., Columbus, Neb., 19-34
Traverse Bays Telephone Co., 3-23
Union Telephone Co., Owosso, Mich., 17-34
Automobile expenses, Questions answered regarding, 11-40

B

Batteries:
Dry cells and wet batteries, by Wm. J. Herdman, 10-16
Reducing battery expenses in small exchanges, 6-29
The figuring of the power plant, by P. A. Price,* 11-22
Bell factory still seeks orders, 3-14
Bell system, Annual report of, 11-26
Book Reviews:
Radio communication, theory and methods, by John Mills, 13-44

C

Cable, Laying underground without conduit, 15-32
California joint committee on inductive interference makes final report, 1-40
Camp life, Telephone big factor in, by Felix J. Koch,* 21-19
Camp Sherman, Chillicothe Home furnishes service at,* 9-18
Cells, Dry and wet batteries, by Wm. J. Herdman, 10-16
Central Home:
Cleaning up old accounts in 1917, 6-22
Managers' meeting, 25-25
Western district meeting at Paducah,* 1-19
Central Indiana Independents hold district meeting, 17-22
Character analysis: Your head indicates your talent, by S. R. Edwards,* 17-16
Chicago automatic, Commission approves sale of, 10-23
Chillicothe Home, Distinction to,* 9-18
Chillicothe shakes the mailed fist,* 24-28
China, Demand for telephones in, 20-36
Circuits, Principle and theory of phantom, by S. A. Kraus, 14-53
Classified, Consult the,* 16-12
Colorado, Rate increase ordered in, 26-23
Commission jurisdiction, Indiana Supreme Court on, 21-26
Commission's power, Illinois Supreme Court on, 17-21
Conservation in commercial department, 24-20
Consolidations:
Cambridge (Ohio) Home company to take over Bell plant, 16-29
Exchange of Fort Wayne properties approved, 16-28
Fremont (Ohio) Home Telephone Co. buys Bell exchange, 13-26
Holland Home Telephone Co. sold to Ohio State, 5-38
Planned in New York,* 5-19
Construction:
Dakota Central's new home,* 14-57
New automatic exchange at Lorain,* 8-20
New exchange cut in at New Ulm,* 9-23
Progressive work in Manitoba,* 7-21
The mechanics of the pole line, by Ward H. Snook,* 7-16, 8-17
Conventions:
Central Indiana association, 5-19
Florida Telephone Association, 11-37
Iowa Independent Telephone Association, by Stanley R. Edwards,* 13-18
Kansas Association of Mutual Telephone Companies, 5-21
Minnesota Independent Telephone Association, by Stanley R. Edwards,* 5-16
North Dakota Telephone Association,* 25-30
Northern Indiana association, 25-24
Northern White Cedar Association,* 5-26
Southern Indiana Independent Telephone Owners Association, 3-32
Texas Independent Telephone Association,* 12-16
United States Independent Telephone Association,* 26-14
Western Red Cedar Association, 14-54
Wisconsin State Telephone Association,* 8-14
Cord circuits, Transmission of, by Walter C. Freeman,* 23-17
Correspondence course in telephony, by Lincoln company, 10-29
Cost accounting system, A simple, by E. C. Constans, 23-14
Cost basis modified, Investment, 21-17
Crippled soldiers and employers, by Douglas C. McMurtrie, 24-14

D

Dakota Central's new home,* 14-57
Dallas merger up to U. S. Department of Justice, 23-32
Demands, The increased telephone, by Wm. L. Moellering, 18-21
Detroit case back to commission, 21-16
Detroit case, Commission ruling vacated by court, 26-22
Detroit meter case, Dissenting opinion on, 9-24
Detroit metered rates, Decision on, 8-15
Directory:
Consult the classified,* 16-12
Copyright camouflage, 4-12, 6-14
Teague Directory & Calendar Co. discontinues business, 9-25
Duplication, Elimination of, planned in Minnesota, 12-14

E

Eastern Pennsylvania association organizes conference committee,* 22-15
Edmonton automatic's ten years, 20-16
Elyria Telephone Co., New Home nearing completion, 1-32

F

Florida state telephone convention, 11-37
Fort Wayne company, Making of strong Indiana company, by L. M. Peterson,* 1-23
France, With the telephone army in, by Captain W. S. Vivian,* 25-20
France, Women's telephone unit in, 22-21
Fulda, Minn., Bell toll connections restored, 1-34
Fundamental Principles of the Telephone Business (See Principles of the Telephone Business, Fundamental)

G

Gasolene and kerosene hazards,* 20-19
German, Cannot prohibit use of over telephone, 9-25
Government ownership an issue in District of Columbia, 11-30

H

Halifax harbor, Explosion in,* 2-15
Hazards, Gasolene and kerosene,* 20-19
Health preparedness plan of White Co. for its employes,* 14-62
Home rule, Ohio Supreme Court on, 26-23
Hotel telephone pay station rates, 2-16

I

Illinois supreme court ruling on commission's power, 17-21
Independent Telephone Company, Signal Corps recruiting, by H. E. Bradley, 26-39
Independent telephone industry, The, by F. B. MacKinnon, 26-17
Indeterminate franchise act upheld by Indiana supreme court, 5-38
Indeterminate permits to operate exchanges in Minnesota, 7-26
Indiana commission's activities, 19-16, 20-23
Indiana, Making of strong company, by L. M. Peterson,* 1-23
Indiana Supreme Court on commission jurisdiction, 21-26
Indiana Supreme Court upholds indeterminate franchise act, 5-38
Indiana workmen's compensation act, by Judge S. R. Artman, 1-20
Inductive interference, Iowa case, by Harold L. Beyer,* 25-22
Inductive interference, Publication of technical data on, 1-22
Inductive interference report, 1-40
Interference, Radio inductive, by Lieut. Ellery W. Stone,* 13-23
Interstate Commerce Commission:
Report of Class A companies for September, 3-31
Report of Class A companies for October, 6-30
Report of Class A companies for November, 11-29
Report of Class A companies for December, 18-36
Inventories, Underground plant, by W. W. Kinsley, Jr.,* 15-14
Inventory sheet and unit cost data, Preparing,* 16-34
Inventory, The value of a perpetual, by E. C. Constans,* 18-14
Iowa Independent telephone convention, by Stanley R. Edwards,* 13-18
Iowa inductive interference case, by Harold L. Beyer,* 25-22

J

Japan, Telephone speculation in, 15-33
Johnstown Telephone Co. abolishes zone rate system, 25-38

L

LaFayette (Ind.) Telephone Co. takes over Bell plant, 22-16, 26-22
Liberty loan campaign, Rally to, 14-19
Lincoln company's telephone correspondence course, 10-29
Lorain, New automatic exchange at,* 8-20

M

Magneto generators, Voltages of, by T. L. Channing,* 3-15
Management of utilities, Internal, 16-22
Manitoba, Progressive work in,* 7-21
Massachusetts:
Commission report, 7-34
Hotel telephone pay station rates, 2-16
Measured service case (Detroit):
Decision on, in Detroit, 8-15
Dissenting opinion on, 9-24
Remanded to commission, 21-16
Merger: Independent to take over Bell in Blair, Neb., 4-18
Michigan commission ruling in Detroit case vacated by court, 26-22
Michigan Traffic Association, Annual meeting of, 11-39
Minnesota commission, Report of telephone department of, 6-32
Minnesota Independent telephone convention, by Stanley R. Edwards,* 5-16
Minnesota, Indeterminate permits to operate exchanges in, 7-26
Minnesota plan meets approval of commission, 19-14; to become effective July 1, 26-22
Minnesota plans non-duplication, 12-14
Minnesota Supreme Court upholds minimum wage law, 5-38
Missouri tax laws and measures, by Wm. F. Orthwein, 6-23
Mitchell, Dakota Central applies for franchise in, 20-27
Mitchell (S. D.) franchise case:
High court ruling on, 24-26
Remanded to lower court, 18-26
Motor trucks, Cost of operating, 15-31

N

Nebraska ruling on service facilities, 2-32
New Ulm, New exchange cut in at,* 9-23
New York Supreme Court sustains right of commission to regulate rates, 6-33
North Dakota telephone convention,* 25-30
Northern Indiana Independent Telephone Association holds convention, 25-24
Northern White Cedar convention,* 5-26

O

Ohio: Commission vs. home rule, 20-26
Ohio's seven district meetings, by J. A. Meckstroth,* 20-12
Ohio State rate increase for Columbus declared illegal, 25-39
Ohio Supreme Court on home rule question, 26-23

Ohio Supreme Court upholds commission in Lima case, 2-26
Ohio taxes greatly increased, by Frank J. Van Voorish, 3-17
Operators:
Daily reminders for telephone operators, 8-25
Suggestions of chief operator to girls under her charge, 8-25
Unit of American operators in France, 22-21

P

Pension plan, Tri-State employes', 21-25
Phantoms, Principle and theory of, by S. A. Kraus, 14-53
Physical connection at Traverse City, Final order requiring, 21-26
Plant inventories, Underground, by W. W. Kinsley, Jr.,* 15-14
Plant values, What about your? by E. C. Constans,* 2-12
Pole line, The mechanics of the, by Ward H. Snook,* 7-16, 8-17
Pontiac (Ill.) automatic system closes decade of service, 22-20
Power plant, The figuring of the, by P. A. Price,* 11-22
Preferential rates condemned, 16-14
Principles of the Telephone Business, Fundamental. Part 6. The Valuation of Telephone Properties, by Chas. W. McKay:*
Chapter XX. Telephone appraisals by short methods, 1-31, 2-31, 3-19, 4-17, 5-35, 6-31 (concluded)
Public utilities warned by War Finance Corporation, 22-14
Public utility, Respective duties of the public and, 26-24

R

Radio inductive interference, by Lieut. Ellery W. Stone,* 13-23
Rates:
Commission has power to change rates fixed by ordinance, 23-24
Experiences in putting through increase, 9-34
Franchise rates upheld by Washington Supreme Court, 21-18
Increase ordered in Colorado, 26-23
Investment cost basis for, 17-20
Lowered in northern New Jersey, 24-23
Putting through a rate increase, by P. L. Frailey, 2-26
Right of commission to regulate, 6-33
Red Cloud, Neb., Commission to compel consolidation at, 4-20
Reis telephone and nature of sound, by Arthur Bessey Smith,* 4-14

S

Service facilities, Ruling on, 2-32
Signal battalion at Camp Custer,* 1-16
Sound, Reis telephone and nature of, by Arthur Bessey Smith,* 4-14
Southern Indiana Association's district meeting, 17-24
Strike award, Western Electric, 8-22
Strikes, Mediation commission on, 8-21
Substation protectors in Ohio, Modified order on, 5-36

T

Taxes in Ohio greatly increased, by Frank J. Van Voorish, 3-17
Tax laws and measures in Missouri, by Wm. F. Orthwein, 6-23
Tax on telegraph-telephone messages, Interpretation of, 22-14
Telephone big factor in camp life, by Felix J. Koch,* 21-19
Telephone instruments, Tucked away,* 19-22
"Telephony's" Home Study Course for Telephone Men, by J. G. Mitchell:*
Chapter XXVIII. Nature of telephone traffic (continued), 1-27, 2-19, 3-28, 4-25, 5-22, 6-26, 7-32, 8-27, 9-22, 10-21, 11-33, 12-19.
Chapter XXIX. Inter-office trunking, 13-21, 14-22, 15-20, 16-20, 17-23, 18-18, 19-18, 20-30, 21-23, 22-17, 23-31, 24-18.
Chapter XXX. Extra efficient manual equipment, 24-18, 25-26, 26-20
Texas Independent telephone convention,* 12-16
Texas, Telephone rate question in, 9-25
Tolls, A clearing house for local, by B. E. Miller,* 16-18
Traffic conditions and the manager, by W. I. Howard,* 20-14
Transmission of cord circuits, by Walter C. Freeman,* 23-17
Traverse City, Final order requiring physical connection at, 21-26
Tri-State and Northwestern plan to divide Minnesota territory approved by commission, 19-14
Tri-State employes' pension plan, 21-25
Tungar rectifier for telephone use,* 2-34

U

United States Independent Telephone Association:
A great war convention,* 26-14
Attend the national convention, 24-12
Directors meet, 15-17
Program for the war convention, 25-21
We should be members of, by O. F. Berry,* 4-13
Why join the association? 13-33
Work of national association, 5-20

W

War:
First unit of American telephone girls in France, 15-19
Good letter from "over there," by Capt. W. S. Vivian,* 14-32
Independents' war activities, by H. E. Bradley, 26-39
The importance of the telephone in the, 7-20
With the telephone army in France, from Capt. W. S. Vivian,* 25-20
War Finance Corporation's Warning, 22-14
Washington Supreme Court upholds franchise rate, 21-18
Western Electric strike award, 8-22
Western Pennsylvania Association's quarterly meeting, 19-32
Western Red Cedar convention, 14-54
Wisconsin state telephone convention,* 8-14
Workmen's compensation act (Indiana), by Judge S. R. Artman, 1-20

AUTHOR'S INDEX.

Artman, Judge Samuel R., Workmen's compensation act, 1-20
Berry, O. F., We should be members of U. S. I. T. A.,* 4-13
Beyer, Harold L., Iowa inductive interference case,* 25-22
Bradley, H. E., Independent telephone company Signal Corps recruiting, 26-39
Channing, R. L., Voltages of magneto generators,* 3-15
Clay, Will, Sundry snapshots along the trail,* 2-23, 3-30, 4-23, 5-33, 6-28, 7-31, 8-34, 9-32, 10-27, 11-38, 12-34, 13-30, 14-55, 15-34, 17-28, 18-20, 19-31, 20-35, 21-32, 22-30, 23-29, 24-31, 25-37.
Coffey, John W., Value of system in accounting,* 6-19
Constans, E. C.:
A simple cost accounting system, 23-14
The value of a perpetual inventory,* 18-14
What about your plant values?* 2-12
Edwards, Stanley R.:
A great state association meeting (Minnesota),* 5-16
Gathering of Iowa telephone men,* 13-18
Your head indicates your talent,* 17-16
Frailey, P. L., Putting through a rate increase, 2-26
Freeman, Walter C., Transmission of cord circuits,* 23-17
Herdman, Wm. J., Dry cells and wet batteries, 10-16
Howard, W. I., Traffic conditions and the manager,* 20-14
Kelsey, J. C.:
A real rate increase, 21-21
Did you know it? 20-17
Don't miss the convention, 25-28
Do you love liberty? 14-49
Here and there, 5-27
Is it fair? 9-20
It's a gay life, 16-16
Knowing it all, 6-17
More government control, 24-16
More of it, 17-25
Now what do you think? 23-20
O tempora! O mores! 19-20
Still more of it, 18-16
"Super" stuff, 3-26
The duty of commissions, 15-18
The fighting spirit, 12-21
The Holler-ith system, 22-19
The telephone association, 7-19
Utility rates must go up, 10-19
Kinsley, W. W., Jr., Underground plant inventories,* 15-14
Koch, Felix J., Telephone big factor in camp life,* 21-19
Kraus, S. A., Principle and theory of phantoms, 14-53
McKay, Chas. W. (See Principles of the Telephone Business, Fundamental)
MacKinnon, F. B., The Independent telephone industry, 26-17
McMurtrie, Douglas C., Crippled soldiers and employers, 24-14
Meckstroth, J. A., Ohio's seven district meetings,* 20-12
Miller, B. E., A clearing house for local tolls,* 16-18
Mitchell, J. G. (See "Telephony's" Home Study Course for Telephone Men)
Moellering, Wm. L., The increased telephone demands, 18-21
Orthwein, Wm. F., Missouri tax laws and measures, 6-23
Peterson, L. M., Making of strong Indiana company,* 1-23
Price, P. A., The figuring of the power plant,* 11-22
Smith, Arthur Bessey, Reis telephone and nature of sound,* 4-14
Snook, Ward H., The mechanics of the pole line,* 7-16, 8-17
Stone, Lieut. Ellery W., Radio inductive interference,* 13-23
Van Voorish, Frank J., Taxes in Ohio greatly increased, 3-17
Vivian, Capt. W. S.:
Good letter from "over there,"* 14-32
With the telephone army in France,* 25-20

Conversion Table—Issue Number to Date of Issue.

No. 1	January 5	No. 14	April 6
No. 2	January 12	No. 15	April 13
No. 3	January 19	No. 16	April 20
No. 4	January 26	No. 17	April 27
No. 5	February 2	No. 18	May 4
No. 6	February 9	No. 19	May 11
No. 7	February 16	No. 20	May 18
No. 8	February 23	No. 21	May 25
No. 9	March 2	No. 22	June 1
No. 10	March 9	No. 23	June 8
No. 11	March 16	No. 24	June 15
No. 12	March 23	No. 25	June 22
No. 13	March 30	No. 26	June 29

335001